

## Polycrystalline solar modules

### SÄLZER MODULE P6 275 | 280 | 285



Power tolerance of 0 to +3%

State-of-the-art technology perfectly suited to modern and three-phase inverters

High degree of efficiency and compact dimensions

100% final inspection with individual registration of characteristic electrical values

Able to withstand snow loads up to a pressure of 5,400 Pa

Integrated bypass diodes

High-quality frames

Safety class II up to a system voltage of 1,000 V

Extensive guarantees provided with all modules

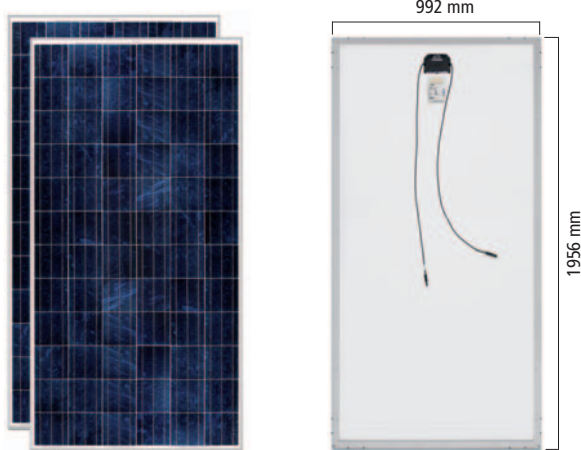
# Polycrystalline solar modules

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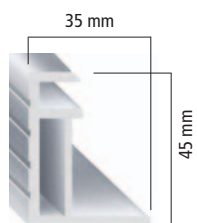
SÄLZER MODULES achieve excellent quality standards due to the equally high standards we set ourselves along with continual development of our product and production processes. This enables us to guarantee high annual yields and a long service life.

Our high-performance modules are suitable for use under the most demanding climatic conditions. The solar cells are laminated within EVA foil between a hardened glass covering (hailstone resistance capacity according to IEC 61215 and higher) and a backing layer made of a high-performance compound material. The laminate is mounted in a stable, easy-to-install aluminium frame. The bypass diodes in the connecting socket prevent individual solar cells from overheating (hotspot effect). Photovoltaic modules arranged in series can easily be connected with each other via the pre-fitted cables. The top-quality materials we use enable us to provide you with a 12-year product guarantee and 25-year performance guarantee.

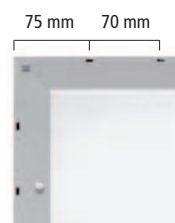
### Module dimensions



### Profile dimensions



### Drainage openings



Cells polycrystalline	72 (6 x 12)	Glass thickness	4,0 mm
Cells dimensions	156 x 156 mm	Weight	28,0 kg
External dimensions (mm)	1956 x 992 x 45	Socket	IP65
Plug MC4 kompatibel		Cable	900 mm
Max. system voltage	1000 V	Bypass diodes	6

SÄLZER MODULE	P6 275	P6 280	P6 285
Nominal capacit (P <sub>max</sub> )	275 W	280 W	285 W
Tolerance	0 to +3 %	0 to +3 %	0 to +3 %
MPP current (I <sub>mpp</sub> )	7,67 A	7,98 A	8,04 A
MPP voltage (U <sub>mpp</sub> )	35,84 V	35,09 V	35,44 V
Short circuit current (I <sub>sc</sub> )	8,20 A	8,51 A	8,57 A
Open-circuit voltage (U <sub>oc</sub> )	45,07 V	44,14 V	44,28 V
Temperature coefficient (U <sub>oc</sub> )	- 0,347 %/K	- 0,347 %/K	- 0,347 %/K
Temperature coefficient (I <sub>sc</sub> )	+ 0,055 %/K	+ 0,055 %/K	+ 0,055 %/K
Temperature coefficient (P <sub>m</sub> )	- 0,480 %/K	- 0,480 %/K	- 0,480 %/K

The electrical data was determined under standard testing conditions (STC): AM 1,5, 1000 W/m<sup>2</sup>, 25 °C

Certificate	IEC 61215	IEC 61730
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Product guarantee	12 years
Performance guarantee to 90%	12 years
Performance guarantee to 80%	25 years

### Connecting socket with 4mm<sup>2</sup> cable



### Plug MC4-compatible



### Solar modules and systems from SÄLZER

Monocrystalline and polycrystalline solar modules, inverter to the frame. Consulting, planning, support. All as a one-stop service. Please visit [www.saelzerenergie.de](http://www.saelzerenergie.de) for more information about our products and services, solar technology, and a list of contacts.

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